

THE CONVERGENCE OF SCIENCE AND MEDICINE

FUNDING OPPORTUNITIES

1

INVESTING IN AUDACIOUS AND ORIGINAL SCIENTISTS

Named Professorships

A named professorship provides financial support for a head of laboratory. This includes start-up funding, full salary, and an annual core grant to encourage the pursuit of bold questions.

- **Named Professorship for a Tenured Head of Laboratory** **\$5 million**
- **Named Professorship for a Tenure-Track Head of Laboratory** **\$3 million**

Targeted Recruitment

- **Senior Scientist in Computational Biology/Artificial Intelligence** **\$10 million**
A senior scientist in computational biology/artificial intelligence will work closely with Rockefeller's life scientists to apply advanced mathematics and computation to the analysis of biological and biomedical data.

Named Laboratory **\$3 million**

A gift to create a named laboratory helps faculty advance their research. The university's independent laboratories conduct a broad spectrum of studies in cell and developmental biology, biochemistry and structural biology, immunology, microbiology, neuroscience, medical sciences, and human genetics.

1

INVESTING IN
AUDACIOUS AND
ORIGINAL SCIENTISTS

Cures Start Here Fund

This fund is designed to support high-risk, high-reward, high-impact research in basic science. The fund is Rockefeller's response to a need for rapid and flexible funds to jumpstart promising research projects from university faculty. These funds will be important for research that does not fall under a specific disease but has the potential to inform the fundamental biological mechanisms that underlie human health and disease biology. *This fund can be named and established with a gift of \$10 million. Individual grants can also be funded.*

\$25 million

Gifts at all levels

will help to support new basic science projects

Fund to Recruit and Retain Postdoctoral Scientists

Postdoctoral scholars are essential members of virtually every Rockefeller laboratory. This fund will help Rockefeller retain and recruit postdoctoral talent, which is vital not only to the university's scientific mission, but to the future of biomedical innovation.

Gifts of all levels

Named Postdoctoral Fellowship

Rockefeller offers advanced training for recent graduates of doctoral programs in the sciences. A postdoctoral fellowship can be named in perpetuity with a gift of \$2 million. *Term fellowships can also be funded.*

\$2 million

Named Graduate Fellowship

A named graduate fellowship will enable Rockefeller to continue to attract and train talented doctoral students who represent the next generation of leaders in biomedicine. A graduate fellowship can be named in perpetuity with a gift of \$1.5 million. *Term fellowships can also be funded.*

\$1.5 million

2

TRANSLATING DISCOVERIES INTO DIAGNOSTICS AND THERAPEUTICS

Center for the Convergence of Science and Medicine

\$50 million

A new Center for the Convergence of Science and Medicine will strengthen the connections between basic science, biomedical research, and clinical application. This center will support a wide spectrum of efforts to understand human biology and apply the knowledge to the development of new approaches for the prevention, diagnosis, and treatment of disease. Bringing all the facets of the university's translational infrastructure under one umbrella will provide unifying leadership, create opportunities for new synergies, and leverage the immense talent of Rockefeller's scientists.

Therapeutic Development Fund

FUNDED

\$50 million

The Therapeutic Development Fund (TDF) is the engine of translational research at Rockefeller. It is designed to inspire and accelerate the development of new therapeutics derived from basic research discoveries made in university laboratories. The TDF funds a broad range of projects, from proof-of-concept studies intended to validate therapeutic targets through clinical development awards, including first-in-human trials of investigational drugs and antibodies. This funding helps to span a critical gap in drug development, ensuring that important findings made in the university's labs have the best chance of becoming new medicines, therapies, devices, and diagnostics.

Gifts at all levels

will help to support new translational projects

Translational Research Accelerator

FUNDED

\$25 million

An on-site Translational Research Accelerator will provide move-in ready laboratory and office space and entrepreneurial support for 15 to 20 start-up companies. This venture will foster synergy between research, bioengineering, and entrepreneurship, helping Rockefeller to secure financial support for research endeavors through commercialization of its intellectual property.

2

TRANSLATING DISCOVERIES INTO DIAGNOSTICS AND THERAPEUTICS

Sustaining Support for The Rockefeller University Hospital

\$25 million

The Rockefeller University Hospital is a vital link in the translational pipeline, providing expertise, personnel, and programs to help Rockefeller scientists through every stage of clinical investigation, from establishing patient protocols to conducting clinical trials. An on-campus research hospital offers university investigators an immeasurable advantage in translating discoveries into medicines.

- **Named Clinical Scholarship**

\$2 million

Rockefeller's three-year Clinical Scholars Program prepares physicians for independent careers in clinical investigation and leads to a master's degree in clinical and translational research. The 15 to 20 early-career physician-scientists enrolled in the program each year serve as critical glue in therapeutic ventures at Rockefeller.

- **Named Assistant or Associate Professorship of Clinical Investigation**

\$3 million

Assistant and associate professors of clinical investigation are key members of the translational team, developing independent projects that often lead to clinical trials and promising therapeutics.

- **Support for the Pilot Grants Program**

Gifts of all levels

The Pilot Grants Program provides support for basic scientists to undertake new studies in the hospital, incentivizing clinical and translational research across the university's entire research enterprise.

Women's Entrepreneurship Fund

ENDOWED

\$10 million

Building on the pioneering *Women & Science* initiative, the WEF provides a competitive grants program for women scientists and offers project mentoring and entrepreneurship training for women scientists who want to pursue the therapeutic potential of their discoveries.

Gifts at all levels

will help to support new translational projects

3

CATALYZING COLLABORATIONS NEW INTERDISCIPLINARY INSTITUTES AND CENTERS

Detailed descriptions and budgets are available for each of the centers and institutes listed below.

Institute for Global Infectious Disease Research

A rapid therapeutic response to emerging viruses, such as the virus that causes COVID-19, must be driven by the best science. Rockefeller is home to some of the most exceptional immunologists and infectious disease specialists in the world. This institute will centralize their efforts to solve complex conditions that affect both the developed and developing world, including influenza, coronaviruses, hepatitis B, malaria, and antibiotic resistance.

FUNDED

\$75 million

Gifts at all levels

will support infectious disease research

Center for the Convergence of Science and Medicine

A new Center for the Convergence of Science and Medicine will strengthen the connections between basic science, biomedical research, and clinical application. This center will support a wide spectrum of efforts to understand human biology and apply the knowledge to the development of new approaches for the prevention, diagnosis, and treatment of disease. Bringing all the facets of the university's translational infrastructure under one umbrella will provide unifying leadership, create opportunities for new synergies, and leverage the immense talent of Rockefeller's scientists.

\$50 million

Center for Research on the Biology of Aging

Aging is increasingly seen as a set of fundamental biological processes directed by genes and epigenetic changes. What molecular mechanisms drive these changes? What is the role of environment and lifestyle — including nutrition, physical activity, and social connection — in the aging process? Scientists in this new center will expand the boundaries of our current knowledge, translating basic science into a more precise understanding of the biology of aging and the implications for mental and physical health, cognition, and human potential.

\$25 million

3

CATALYZING
COLLABORATIONS
NEW INTERDISCIPLINARY
INSTITUTES AND CENTERS

Center for Research in Women’s Health and Biomedicine

This center is a timely response to mounting evidence that women and men manifest and experience disease differently and respond differently to pharmaceuticals. Increasing sex-specific and sex-differentiating scientific knowledge will elucidate the mechanisms of normal biological processes and provide insight into the pathological mechanisms underlying disease.

FUNDED

\$25 million

Gifts at all levels

*will support women's
health research*

Center for the Social Brain

Rockefeller neuroscientists are making groundbreaking discoveries about the underpinnings of social interaction and behavior. Their work is revealing the biological principles that govern social intelligence, spoken language, and complex social organization.

FUNDED

\$25 million

Gifts at all levels

*will support neuroscience
research*

4

POWERING THE FUTURE THROUGH DISRUPTIVE TECHNOLOGIES

Scientific Resource Centers

Rockefeller's Scientific Resource Centers are centralized facilities that make cutting-edge equipment and expert technical services available to all laboratories on campus. *A comprehensive brochure about the resource centers is available.*

- **Frits and Rita Markus Bio-Imaging Resource Center**
- **Bioinformatics**
- **CRISPR and Genome Editing Resource Center**
- **Evelyn Gruss Lipper Cryo-Electron Microscopy Resource Center**
- **Fisher Drug Discovery**
- **Electron Microscopy Resource Center**
- **Flow Cytometry Resource Center**
- **Genomics Resource Center**
- **High Performance Computing**
- **Precision Instrumentation Technologies**
- **Proteomics Resource Center**
- **Rockefeller Brain Observatory**
- **Structural Biology Resource Center**
- **Vertebrate Genome Laboratory**

Named Scientific Resource Center

\$10 million

A gift to name a Scientific Resource Center will provide funding for leading-edge tools, instruments, and infrastructure, driving a new generation of scientific breakthroughs.

Annual Support for a Scientific Resource Center

\$2 million

Annual operating support for a Scientific Resource Center will make a significant impact on a broad array of investigations.

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POWERING THE FUTURE THROUGH DISRUPTIVE TECHNOLOGIES

Named Directorship of a Scientific Resource Center

\$2 million

Directors of Scientific Resource Centers play key roles in advancing biomedical science. They provide expert technological training and guidance to university scientists, maximizing the benefits and potential of a center's tools and instrumentation.

Emerging Technology Fund

Gifts of all levels

Technology often evolves rapidly, transforming the course of scientific investigation. To be ready for the next revolution, Rockefeller has created an Emerging Technology Fund to enable the university to quickly acquire advanced technologies.

Critical Equipment Purchases

Gifts of all levels

The university maintains a ranked list of critical equipment needs for the Scientific Resource Centers. This list includes new instrumentation as well as upgrades to current technology that expand functionality.

5

ENHANCING THE SCIENTIFIC ENVIRONMENT

Naming Gift for the Child and Family Center

\$15 million

Children aged three months to five years are eligible to attend the university's Child and Family Center (CFC), an exceptional resource located right on campus. The CFC provides high-quality, heavily subsidized daycare for the children of Rockefeller scientists, enabling parents to concentrate on their research knowing that their children are in caring and expert hands.

Naming Gift for the RockEDU Science Outreach Program

\$10 million

RockEDU offers several year-round classes and educational opportunities for students and teachers, many from under-resourced New York City schools. The program fosters a passion for science in K-12 students, offers support for teachers, and provides a model for other outreach programs.

Naming Gift for the RockEDU Teaching Lab

\$3 million

Rockefeller has dedicated 3,000 square feet of prime laboratory space in the university's Collaborative Research Center as a teaching lab for the RockEDU Science Outreach Program.

Fund for Diversity, Equity, and Inclusion

Gifts of all levels

Diversity is vital for scientific innovation. To attract and hire more scientists from BIPOC communities and ensure they have everything they need to thrive in their careers, Rockefeller needs funds for

- a national recruitment program for BIPOC students and faculty
- scholarships for Ph.D. students and postdoctoral fellows
- strategic partnerships with HBCUs and other public and private colleges
- enhancing "pipeline to science" programs for middle and high school students from under-resourced schools
- mentoring initiatives for trainees
- increasing staff diversity training and educational initiatives

5

ENHANCING THE SCIENTIFIC ENVIRONMENT

Campus Naming Opportunities

• Scholars Residence	\$15 million
• Faculty House	\$12 million
• South Terrace Garden (on the Stavros Niarchos Foundation–David Rockefeller River Campus)	\$2 million
• North Conference Room in the Hess Academic Center	\$500,000
• South Conference Room in the Hess Academic Center	\$500,000

A brochure featuring these and other campus naming opportunities is available.